**Question 1:**

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| Extension | Full Form | Uses |
| .jpg/jpeg | Joint Photographic Expert Group | Used for compression of digital images, especially in digital photography. |
| .gif | Graphics Interchange Format | Mainly for animations and allows a wide palette of 256 colors per frame. |
| .png | Portable Network Graphics | Raster graphics file format- allows data compression without any data loss. |
| .psd | Photoshop Document | Default format used by photoshop. It also allows user to work with work with different layers of file even after its been saved. |
| .pdf | Portable Document Format | File format used to present documents independent of application software or operating system or hardware. |
| .mov | QuickTime Movie | Used for QuickTime multimedia file extension. |
| .txt | Text File | Simple text file. |
| .htm/html | Hypertext Markup Language | Used to create electronic documents that are displayed on WWW. HTML code ensures proper formatting for texts and images for your browser. |
| .exe | Executable File | This file is used to perform various functions or operations on a computer. File cannot be read since it is compiled. |
| .java | JAVA source code file | A file produced by JavaScript programming language that contains Java source files. |

**Question 2:**

Even though all three read the same, they aren’t considered to be the same whilst web programming. This mainly depends on the server. Windows isn’t usually case sensitive, but operating systems like Mac and Linux are normally very case sensitive.

**Question 3:**

**In Windows**:

* Have “My Computer” open.
* Click “file” click “folder options”
* Click “options” click “view” select “view hidden files” also select “hide extensions for known types”
* Done.

**In MAC**:

* Go to Finder click “Finder” click “Preferences”
* Select “advanced”
* Click “Show all filename extensions”
* Done.

**Question 4:**

As mentioned in Q1, jpg is the best format to compress images especially digital pictures since the compression and the picture quality is adjustable.

**GIMP:**

After finishing editing a photo (or just compressing- in this case) in GIMP click on “save as” under the file menu and double check the format to be saved as .jpg. If not this can also be changed in the drop down menu available. Choose the correct location and click save.

GIMP being aware compression is underway which means another box will pop up showing us a preview of the compressed product. Choose “show preview in image window”, then we can use the slider to adjust not just the quality but also the size of the compressed product.

Click save and you’re done!